

BEFORE THE BOARD OF OIL, GAS, AND MINING
DEPARTMENT OF NATURAL RESOURCES
in and for the STATE OF UTAH

IN THE MATTER OF THE APPROVAL OF THE)
NOTICE OF INTENT AND RECLAMATION PLAN) ORDER TO SHOW CAUSE
SUBMITTED BY GEOKINETICS, INC., UTAH) NO. ACT/047/002
EXPERIMENTAL SITE #1, UINTAH COUNTY,)
UTAH.

THE STATE OF UTAH TO ALL OPERATORS, TAKERS OF PRODUCTION, OIL SHALE
AND ROYALTY OWNERS, AND PARTICULARLY ALL PERSONS INTERESTED IN TOWNSHIP
14 SOUTH, RANGE 22 EAST, SLBM, UINTAH COUNTY, UTAH.

Notice is hereby given that tentative approval was given to Geokinetics,
Inc. by the Utah Division of Oil, Gas, and Mining, to commence in situ
Oil Shale retorting on portions of Section 2, Township 14 South, Range
22 East, Uintah County, Utah. The name of the retort site is the Utah
Experimental Site #1, and the person representing the company in this
matter is Mr. John D. Downen, Vice President, Geokinetics, Inc., 280
Buchanan Field Road, Concord, California, 94520.

Geokinetics, Inc. has fulfilled obligations under the Mined Land
Reclamation Act of 1975 (Section 40-8, U.C.A., 1953 as amended) and will
employ the following reclamation techniques on 9 acres which comprise
the land affected. The land affected is a State oil shale lease.

During Operations:

1. Retorting will be conducted in a safe and orderly fashion.
2. Monitoring will be conducted to determine the effects of
retorts on the quality and distribution of ground and surface
water.
3. Revegetation plans will be implemented on retorted areas as
they are abandoned.
4. Process and flare gasses will be monitored and analyzed.
Results will be utilized in the design of emission equipment.
5. A complete weather station will monitor and record meteorological
data. Data will be used for dispersion modeling and inversion
patterns in the area.
6. A temporary camp, for employees only, will be maintained at
the site. It will comply with all State health requirements.
7. A monitoring program to assess general toxic properties
of the retorted material will be conducted to determine
potential health hazards for humans.

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8. Effluent water from the operation will be contained in a no-discharge, membrane-lined evaporation pond.

After Operations:

1. Extraneous debris, scrap metal and wood, and all buildings and equipment will be removed from the site.
2. Core holes, drill holes and/or excavations will be backfilled or plugged to prevent migration of substances.
3. The entire area affected will be stabilized by establishing a self-sustaining vegetative cover through seeding with a specified and diverse seed mixture.

Reclamation performance surety ~~will be established upon final~~ ^{has been} ~~approval of the reclamation plan.~~ ^{and has been}
~~posted with the Division of State Lands,~~

Any person or agency aggrieved by this tentative decision is hereby requested to submit written protest within 30 days from February 16 1979 to the Division of Oil, Gas, and Mining, 1588 West North Temple, Salt Lake City, Utah 84116, setting forth factual reasons for his or her complaint, and thereafter, at a time and place heretobe established, appear before the Board of Oil, Gas, and Mining, to show cause, if any there be, why this plan should not be approved.

DATED this 7th day of February

STATE OF UTAH
BOARD OF OIL, GAS, AND MINING

SCHEREE WILCOX
Secretary of the Board